

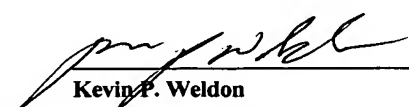


PATENT  
K-1951

**CERTIFICATION UNDER 37 C.F.R. sections 1.8(a)**

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Mail Stop Missing Parts, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, with sufficient postage as First Class Mail.

Date: October 14, 2003

  
Kevin P. Weldon

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of:	)	
JEFFREY T. HICKEY	)	Group Art Unit 3725
	)	
Serial No. 10/602,569	)	
	)	Examiner (to be assigned)
Filed: JUNE 24, 2003	)	Confirmation No. 1715
	)	
For: TOOL FOR IMPINGING MATERIAL)	)	Attorney Docket K-1951
HAVING A CAST WEAR PAD	)	

October 14, 2003

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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicant(s) submit herewith patents, publications or other information, of which they are aware and that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. The Information Disclosure Statement submitted herewith is being filed:

- ☒ under 37 CFR 1.97(b); within three (3) months of the filing of a national application; within three (3) months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing date of a first Office Action on the merits; or before the mailing of a first office action after the filing of a request for continued examination under § 1.114, whichever event occurs last.
- ☐ under 37 CFR 1.97(c); after three (3) months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either a Final Action under 37 CFR 1.113, or a Notice of Allowance under 37 CFR 1.311, whichever occurs first. Also submitted herewith is:

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☐ the fee of \$180.00 set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c) to be paid as provided below.
- ☐ under 37 CFR 1.97(d); after a Final Action under Section 1.113, or a Notice of Allowance under Section 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is a statement as specified in 37 CFR 1.97(e) and the fee of \$180.00 set forth in 37 CFR 1.17(p) to be paid as provided below.

**STATEMENT UNDER 37 CFR 1.97(e)**

- ☐ This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.
- ☐ Statement Under 37 CFR 1.97(e)(1) - Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the information disclosure statement.
- ☐ Statement Under 37 CFR 1.97(e)(2) - No item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

**PRIOR APPLICATIONS**

- ☐ This application relies, under 35 U.S.C. 120, on the earlier filing date of prior application(s):

Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

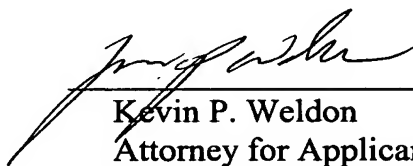
Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

Those references listed on the attached form and not submitted herewith were submitted to, and/or cited by, the Office in the prior application(s) identified above and therefore, are not required to be provided in this application.

**FEES**

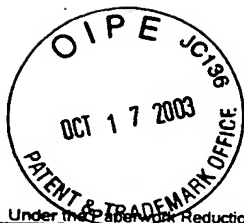
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge any fees that may be required by this submission and to credit Deposit Account No. 11-0508 for any overpayment. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Kevin P. Weldon  
Attorney for Applicant(s)  
Reg. No. 47,307  
Date: October 14, 2003

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/602,569
Filing Date	June 24, 2003
First Named Inventor	Hickey
Art Unit	3725
Examiner Name	
Attorney Docket Number	K-1951

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 1,908,161	05/1933	Meutsch	
		US- 4,024,902	05/1977	Baum	
		US- 4,101,318	07/1978	Rudy	
		US- 4,119,459	10/1978	Ekemar et al.	
		US- 4,140,170	02/1979	Baum	
		US- 4,146,080	03/1979	Baum	
		US- 4,608,318	08/1986	Makrides et al.	
		US- 4,715,450	12/1987	Hallissy et al.	
		US- 4,836,178	06/1989	Tomlinson	
		US- 4,933,240	06/1990	Barber, Jr.	
		US- 5,066,546	11/1991	Materkowski	
		US- 5,094,923	03/1992	Materkowski	
		US- 5,279,902	01/1994	Materkowski	
		US- 5,456,522	10/1995	Beach	
		US- 5,645,323	07/1997	Beach	
		US- 6,033,791	03/2000	Smith et al.	
		US- 6,131,838	10/2000	Balvanz et al.	
		US- 6,260,636	07/2001	Cooley et al.	
		US- 6,394,375	05/2002	Balvanz et al.	

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		PCT 9,011,383	10/1990	Materkowski		

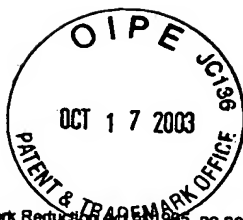
Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/602,569
		Filing Date	June 24, 2003
		First Named Inventor	Hickey
		Art Unit	3725
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	K-1951

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		KenCast Brochure, Kennametal Product (no date) pp. 3, 8, 9, 14	
		Bandit Chippers- Model 3680 Beast Recycler, printed from Internet 6/16/03, 1 pg.	
		Arbor Age - May 2001 - Now & Then, printed from Internet 6/16/03, 1 pg.	
		KenCast Wear-Resistant Composite Material, Blades and Specialties, printed from Internet 4/23/03 2pg	
		Kennametal Supplemnt S60-1 12/20/50, 4 pages	
		TRICON "For Superior Brazing Materials", Bulletin TRI-2, 10 pages	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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